

WEST Search History

DATE: Wednesday, April 19, 2006

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=PGPB,USPT; PLUR=YES; OP=OR</i>			
<input type="checkbox"/>	L3	l1 and l2	2
<input type="checkbox"/>	L2	514/530.ccls.	709
<input type="checkbox"/>	L1	560/129.ccls.	327

END OF SEARCH HISTORY

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: SSPTAJRK1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * * welcome to STN International * * * * * * * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/USPAT2
NEWS 4 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 5 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS 6 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 7 JAN 17 IPC 8 in the WPI family of databases including WPIFV
NEWS 8 JAN 30 Saved answer limit increased
NEWS 9 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS 10 FEB 22 The IPC thesaurus added to additional patent databases on STN
NEWS 11 FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS 12 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 13 FEB 28 MEDLINE/LMEDLINE reload improves functionality
NEWS 14 FEB 28 TOXCENTER reloaded with enhancements
NEWS 15 FEB 28 REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS 16 MAR 01 INSPEC reloaded and enhanced
NEWS 17 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 18 MAR 08 X.25 communication option no longer available after June 2006
NEWS 19 MAR 22 EMBASE is now updated on a daily basis
NEWS 20 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 21 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS 22 APR 04 STN AnaVist \$500 visualization usage credit offered
NEWS 23 APR 12 LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 24 APR 12 Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS 25 APR 12 Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT <http://download.cas.org/express/v8.0-Discover/>

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FILE 'HOME' ENTERED AT 12:06:06 ON 19 APR 2006

=> file reg
COST IN U.S. DOLLARS
SINCE FILE ENTRY TOTAL
SESSION
FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 12:06:14 ON 19 APR 2006
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STRUCTURE FILE UPDATES: 17 APR 2006 HIGHEST RN 880759-42-2
DICTIONARY FILE UPDATES: 17 APR 2006 HIGHEST RN 880759-42-2

New CAS Information Use Policies, enter **HELP USAGETERMS** for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

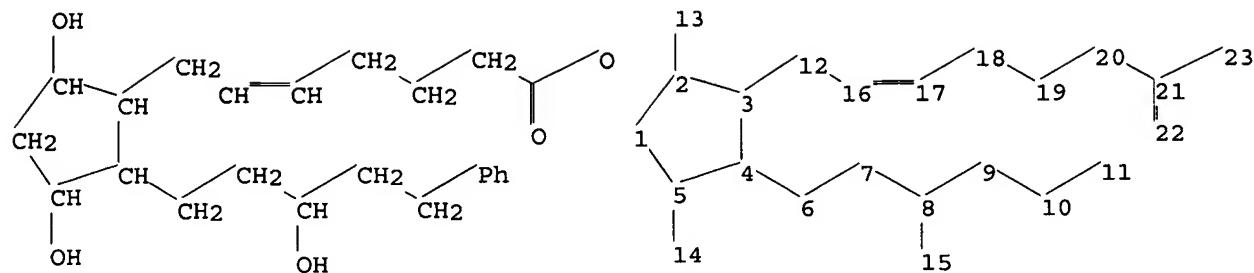
```
*****  
*  
* The CA roles and document type information have been removed from *  
* the IDE default display format and the ED field has been added, *  
* effective March 20, 2005. A new display format, IDERL, is now *  
* available and contains the CA role and document type information. *  
*  
*****
```

Structure search iteration limits have been increased. See **HELP SLIMITS** for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

```
=> Uploading C:\Program Files\Stnexp\Queries\10723140\Struc 2.str
```



```

chain nodes :
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
ring nodes :
1 2 3 4 5
chain bonds :
2-13 3-12 4-6 5-14 6-7 7-8 8-9 8-15 9-10 10-11 12-16 16-17 17-18 18-19
19-20 20-21 21-22 21-23
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 2-3 2-13 3-4 4-5 5-14 8-15 21-22 21-23
exact bonds :
3-12 4-6 6-7 7-8 8-9 9-10 10-11 12-16 16-17 17-18 18-19 19-20 20-21

```

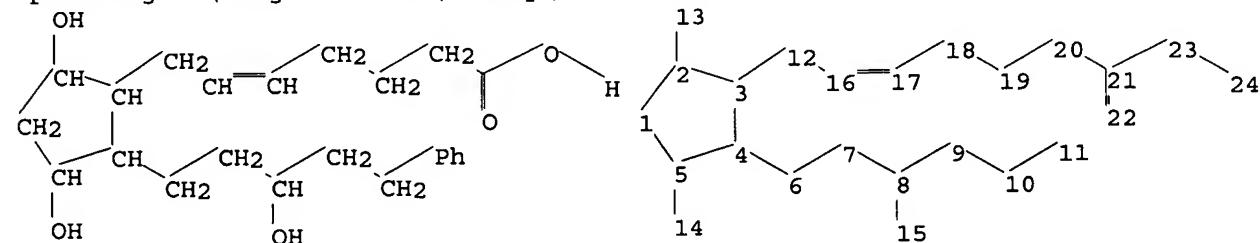
```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS

```

L1 STRUCTURE UPLOADED

=>
Uploading C:\Program Files\Stnexp\Queries\10723140\Struc 3.str



```

chain nodes :
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ring nodes :
1 2 3 4 5

```

Page 4

chain bonds :
2-13 3-12 4-6 5-14 6-7 7-8 8-9 8-15 9-10 10-11 12-16 16-17 17-18 18-19
19-20 20-21 21-22 21-23 23-24
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 2-3 2-13 3-4 4-5 5-14 8-15
exact bonds :
3-12 4-6 6-7 7-8 8-9 9-10 10-11 12-16 16-17 17-18 18-19 19-20 20-21
23-24
normalized bonds :
21-22 21-23

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS

L2 STRUCTURE UPLOADED

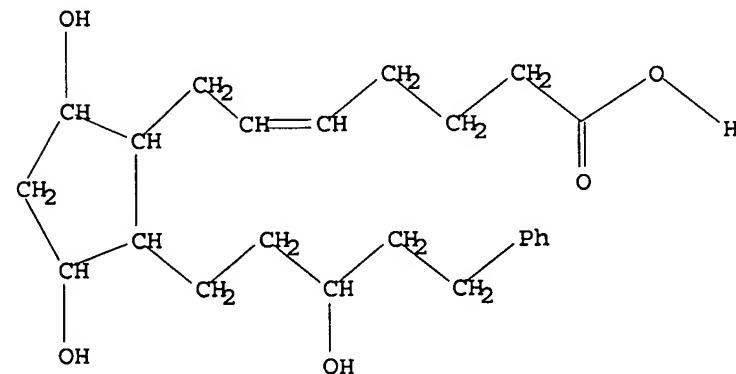
=> 12
SAMPLE SEARCH INITIATED 12:07:18 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 336 TO ITERATE

100.0% PROCESSED 336 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5621 TO 7819
PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L2

=> d 12
L2 HAS NO ANSWERS
L2 STR



Structure attributes must be viewed using STN Express query preparation.

10723140a.trn

```
=> 12 full
FULL SEARCH INITIATED 12:07:29 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 6415 TO ITERATE
```

```
100.0% PROCESSED 6415 ITERATIONS
SEARCH TIME: 00.00.01
```

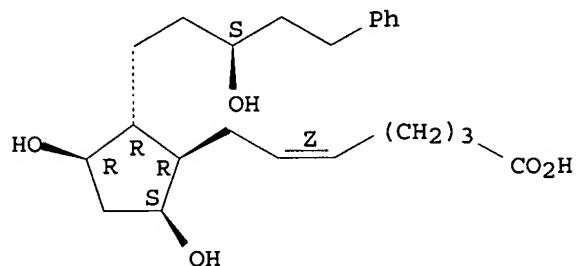
2 ANSWERS

L4 2 SEA SSS FUL L2

=> d scan

```
L4 2 ANSWERS  REGISTRY  COPYRIGHT 2006 ACS on STN
IN 5-Heptenoic acid, 7-[3,5-dihydroxy-2-(3-hydroxy-5-
phenylpentyl)cyclopentyl]-, [1R-[1 $\alpha$ (Z),2 $\beta$ (S*)],3 $\alpha$ ,5 $\alpha$ 
]]- (9CI)
MF C23 H34 O5
```

Absolute stereochemistry.
Double bond geometry as shown.

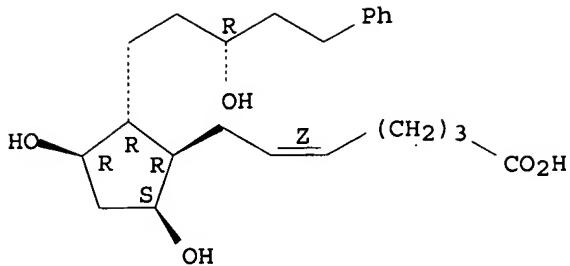


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

```
L4 2 ANSWERS  REGISTRY  COPYRIGHT 2006 ACS on STN
IN 5-Heptenoic acid, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(3R)-3-hydroxy-5-
phenylpentyl]cyclopentyl]-, (5Z)- (9CI)
MF C23 H34 O5
```

Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

FILE 'MEDLINE' ENTERED AT 12:07:54 ON 19 APR 2006

FILE 'CAPLUS' ENTERED AT 12:07:54 ON 19 APR 2006
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=> 14
L5 57 L4

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STRUCTURE FILE UPDATES: 17 APR 2006 HIGHEST RN 880759-42-2
DICTIONARY FILE UPDATES: 17 APR 2006 HIGHEST RN 880759-42-2

New CAS Information Use Policies. enter **HELP USAGETERMS** for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

```
*****
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*****
*****
```

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>
PROCESSING COMPLETED FOR L4
L6 2 DUP REM L4 (0 DUPLICATES REMOVED)

=> file medline caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

| | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| | 0.44 | 169.36 |

FILE 'MEDLINE' ENTERED AT 12:08:10 ON 19 APR 2006

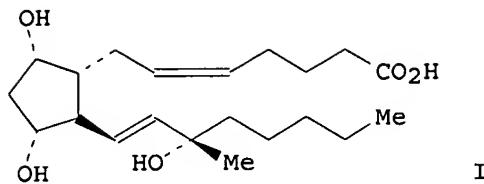
FILE 'CAPLUS' ENTERED AT 12:08:10 ON 19 APR 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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=> dup rem 15
PROCESSING COMPLETED FOR L5
L7 56 DUP REM L5 (1 DUPLICATE REMOVED)

=> 17 and PY<1991
1 FILES SEARCHED...
L8 3 L7 AND PY<1991

=> d ibib abs hitstr 1-3

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1976:414249 CAPLUS
DOCUMENT NUMBER: 85:14249
TITLE: Effect of chemical modifications on the metabolic transformation of prostaglandins
AUTHOR(S): Granstrom, E.; Hansson, G.
CORPORATE SOURCE: Dep. Chem., Karolinska Inst., Stockholm, Swed.
SOURCE: Advances in Prostaglandin and Thromboxane Research (1976), 1, 215-19
CODEN: APTRDI; ISSN: 0361-5952
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



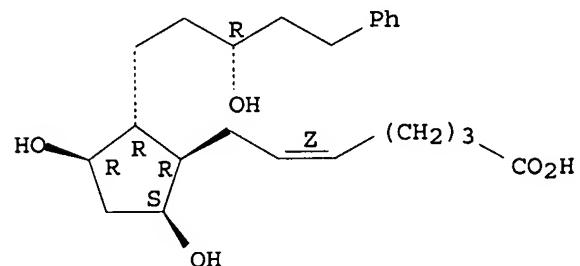
AB The metabolism of 15-methyl-PGF₂α (I) [35700-23-3], 16,16-dimethyl-PGF₂α [39746-23-1], and 17-phenyl-18,19,20-trinor-PGF₂α [38344-08-0] was studied in the Cynomolgus monkey and in the human. The half-lives of the 3 compds. in the human circulation was longer than that of PGF₂α [551-11-1]. The dehydrogenation of the secondary alcohol group at C-15 was blocked in the first 2 mentioned compds. These were degraded mainly by β -oxidation, and their main metabolites, both in plasma and urine, were dinor-15-methyl-PGF₂α [59348-12-8] and dinor-16,16-dimethyl-PGF₂α [59348-13-9], resp., 17-phenyl-18,19,20-trinor-PGF₂α, was metabolized to some extent by dehydrogenation at C-15, and also by reduction of the Δ 13 double bond and by β -oxidation

IT 41639-83-2
 RL: BIOL (Biological study)
 (as phenyltrinorprostaglandin F₂α metabolite)

RN 41639-83-2 CAPLUS

CN 5-Heptenoic acid, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(3R)-3-hydroxy-5-phenylpentyl]cyclopentyl]-, (5Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1975:422671 CAPLUS
 DOCUMENT NUMBER: 83:22671
 TITLE: Metabolism of 17-phenyl-18,19,20-trinorprostaglandin F₂α in the cynomolgus monkey and the human female
 AUTHOR(S): Granstrom, E.
 CORPORATE SOURCE: Dep. Chem., Karolinska Inst., Stockholm, Swed.
 SOURCE: Prostaglandins (1975), 9(1), 19-45
 CODEN: PRGLBA; ISSN: 0090-6980
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI For diagram(s), see printed CA Issue.
 AB The main urinary metabolites in the female monkey of 9 β -3H-labeled 17-phenyl-18,19,20-trinor-PGF₂α (I) [38344-08-0] were the dinor- and tetranor derivs. of 15-keto-13,14-dihydro-17-phenyl-18,19,20-trinor

PGF2 α [55349-46-7]. Unchanged I was also identified among the urinary metabolites as well as its dinor- and tetranor-derivs. The dinor derivative of 13,14-dihydro-17-phenyl-18,19,20-trinor-PGF2 α [41639-83-2] was also found in the urine. In human females the same products were found in the urine, and in the plasma, 2 less polar metabolites, 13,14-dihydro-17-phenyl-18,19,20-trinor-PGF2 α and 15-keto-13,14-dihydro-17-phenyl-18,19,20-trinor PGF2 α , were found. Thus, I was transformed into a variety of products in the monkey and man.

IT 41639-83-2

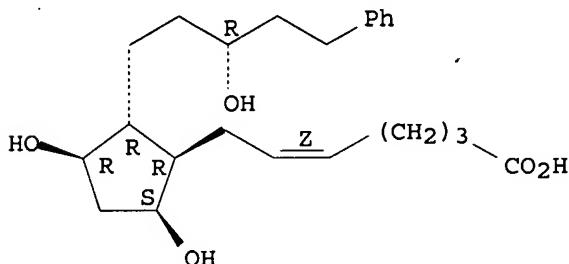
RL: FORM (Formation, nonpreparative)
(formation of, from phenyltrinorprostaglandin F2 α)

RN 41639-83-2 CAPLUS

CN 5-Heptenoic acid, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(3R)-3-hydroxy-5-phenylpentyl]cyclopentyl]-, (5Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1973:159053 CAPLUS

DOCUMENT NUMBER: 78:159053

TITLE: Prostanoic acid derivatives

INVENTOR(S): Mallion, Keith Blakeney

PATENT ASSIGNEE(S): Imperial Chemical Industries Ltd.

SOURCE: Ger. Offen., 52 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-------------|------|----------|-----------------|--------------|
| DE 2234709 | A1 | 19730201 | DE 1972-2234709 | 19720714 <-- |
| DE 2234709 | C2 | 19820603 | | |
| GB 1372541 | A | 19741030 | GB 1971-33049 | 19710714 <-- |
| CH 526067 | A | 19720731 | CH 1971-526067 | 19710917 <-- |
| ZA 7204372 | A | 19730328 | ZA 1972-4372 | 19720626 <-- |
| CA 986926 | A1 | 19760406 | CA 1972-145746 | 19720626 <-- |
| AU 7243940 | A1 | 19740103 | AU 1972-43940 | 19720627 <-- |
| JP 56029665 | B4 | 19810709 | JP 1972-68951 | 19720710 <-- |
| CH 533274 | A | 19730315 | CH 1972-10435 | 19720712 <-- |
| DD 102141 | C | 19731212 | DD 1972-164374 | 19720712 <-- |
| HU 166719 | P | 19750528 | HU 1972-IE518 | 19720712 <-- |
| CH 575902 | A | 19760531 | CH 1972-10465 | 19720712 <-- |
| BE 786251 | A1 | 19730115 | BE 1972-119846 | 19720713 <-- |
| FR 2145697 | A1 | 19730223 | FR 1972-25520 | 19720713 <-- |

| | | | | |
|------------|----|----------|-----------------|--------------|
| NL 7209817 | A | 19730116 | NL 1972-9817 | 19720714 <-- |
| IT 963291 | A | 19740110 | IT 1972-27334 | 19720724 <-- |
| DE 2240176 | A1 | 19730322 | DE 1972-2240176 | 19720816 <-- |
| AT 321046 | B | 19750310 | AT 1972-7178 | 19720821 <-- |
| FR 2153909 | A5 | 19730504 | FR 1972-31287 | 19720904 <-- |
| BE 788744 | A1 | 19730102 | BE 1972-121952 | 19720913 <-- |
| NL 7212594 | A | 19730320 | NL 1972-12594 | 19720915 <-- |
| SE 7504707 | A | 19750423 | SE 1975-4707 | 19750423 <-- |

PRIORITY APPLN. INFO.:

| | | |
|---------------|---|----------|
| GB 1971-33049 | A | 19710714 |
| GB 1971-58399 | A | 19711216 |
| CH 1971-13629 | A | 19710917 |
| CH 1972-10435 | A | 19720712 |
| CH 1972-10465 | A | 19720712 |

AB *9 α ,11 α , 15-Trihydroxyprostatidenoic acid analogs, characterized by a terminal aryl group, were prepared by treating 2-formyl-3,5-dihydroxycyclopentaneacetic acid γ -lactone with di-Me (β -oxoaralkyl)phosphonate, reducing the product, then reacting with (4-carboxybutyl)triphenylphosphonium bromide. The new compds. were uterus contraction stimulators.*

IT **41639-83-2P 41639-84-3P**

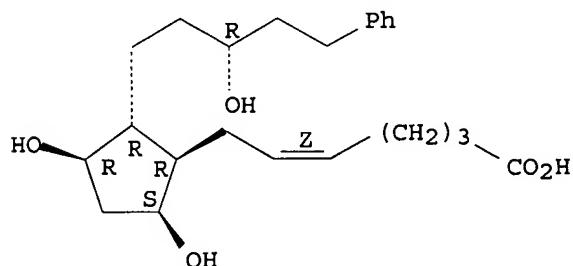
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 41639-83-2 CAPLUS

CN 5-Heptenoic acid, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(3R)-3-hydroxy-5-phenylpentyl]cyclopentyl]-, (5Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

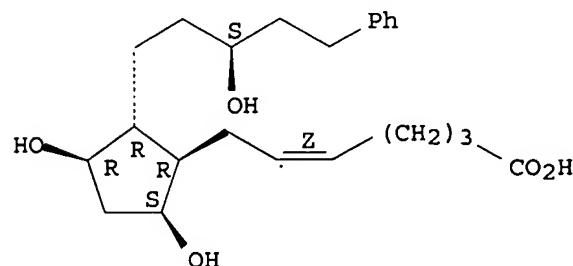


RN 41639-84-3 CAPLUS

CN 5-Heptenoic acid, 7-[(3,5-dihydroxy-2-(3-hydroxy-5-phenylpentyl)cyclopentyl)-, [1R-[1 α (Z),2 β (S*),3 α ,5 α]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



| | | |
|--|------------|---------|
| => FIL STNGUIDE | | |
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 18.91 | 188.27 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| CA SUBSCRIBER PRICE | -2.25 | -2.25 |

FILE 'STNGUIDE' ENTERED AT 12:10:28 ON 19 APR 2006
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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Apr 14, 2006 (20060414/UP).

| | | |
|--|------------|---------|
| => log y | | |
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 0.12 | 188.39 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| CA SUBSCRIBER PRICE | 0.00 | -2.25 |

STN INTERNATIONAL LOGOFF AT 12:11:32 ON 19 APR 2006